

B1
of said aggregate by flow cytometry and by the binding species coupled thereto, said microparticles being suitable for use in a multiplex assay procedure that includes the use of flow cytometry.

Please add the following new claims 50-58:

10-50. A composition according to claim 21 in which the microparticles are comprised of from about 1% to about 75% by weight of magnetically responsive material.

11-51. A composition according to claim 21 in which the microparticles are comprised of from about 2% to about 50% by weight of magnetically responsive material.

12-52. A composition according to claim 21 in which the microparticles are comprised of from about 3% to about 25% by weight of magnetically responsive material.

13-53. A composition according to claim 21 in which the microparticles are comprised of from about 5% to about 15% by weight of magnetically responsive material.

14-54. A composition according to claim 21 in which the microparticles are differentiable by size and by a differentiation parameter other than size.

15-55. A composition according to claim 14-54 in which the differentiation parameter other than size is one or more differentiation parameters selected from the group consisting of particle composition parameters, particle physical characteristics that affect light scattering, and dyes.

16-56. A composition according to claim 15-55 in which the differentiation parameter other than size is one or more differentiation parameters selected from fluorescence, colored dyes, light scatter, light emission, and absorbance.

17-57. A composition according to claim 14-54 in which the differentiation parameter other than size is one or more fluorescence parameters.

B2

B2